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MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

US EPA RECORDS CENTER REGION 5



502502

August 11, 1978

TO: File

FROM: G. J. Heyt, Environmental Sanitarian

SUBJECT: Kent County Landfill

On July 28, 1978, I visited the Kent County Landfill to conduct a routine check on the placement of the clay liner and to observe the installation of the PVC liner.

The clay which was placed in the trench during the previous day was installed in an acceptable fashion. The surface was smooth and free of any protrusions which may destroy the integrity of the PVC. The clay installed in the trench consisted primarily of the grey with a relatively small amount of redish brown.

Density's were taken by Williams & Works on the in-place clay in several locations of trench #23 the results are as follows:

<u>Distance</u>	<u>Dry Density</u>	<u>%Compaction</u>	<u>%Moisture</u>
30'W.	129.1	97.1	9.8
120'W.	129.4	97.3	9.8
200'W.	126.9	95.4	10.3
500'W.	127.3	95.7	9.9

In talking with Curt Keppanien the water level in the well located adjacent to cell #1 was mentioned. Curt indicated he had taken a static water level on the previous day. The depth to water table below the top of the casing was 6.8 meters.

GH:db